WISx User Guide

Operators Well Completion Reports (WCRs)

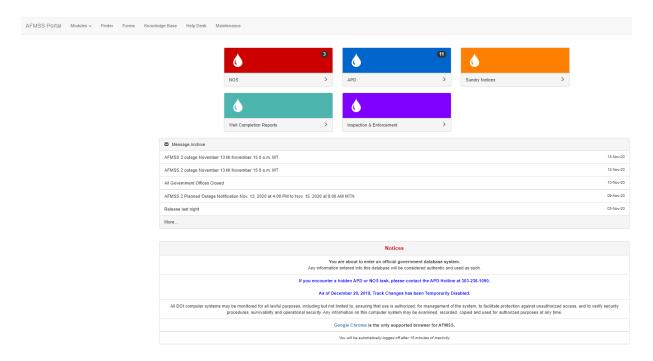
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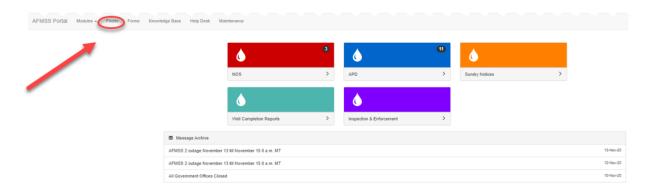
Well Completion Reports

Creating and Submitting Well Completion Report

After logging into AFMSS the user is directed to the landing page.

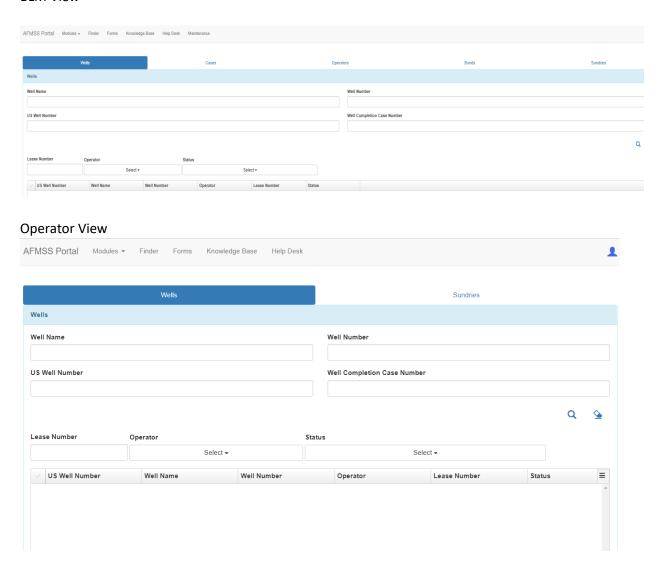


To create an electronic Well Completion Report the user must navigate to the Finder Screen by clicking on "Finder" in the task bar at the top.



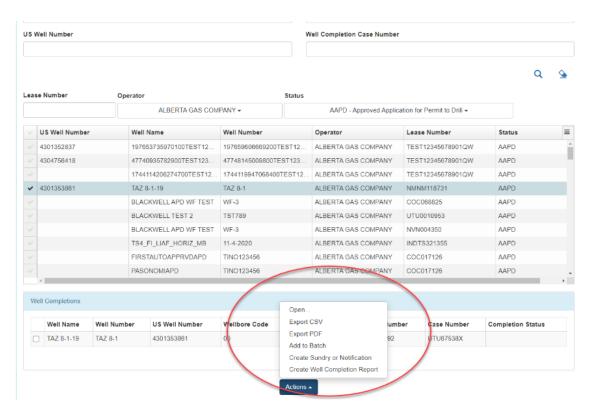
This will take the user to the Finder page.

BLM View



From the finder page and the Wells tab (highlighted in blue above) the user can use multiple search criteria to search for wells. Once a well is located the user can select the well by clicking to the left of the desired well. From the blue Action button on the bottom, middle of the screen the available actions include "Create Sundry or Notification" and "Create Well Completion Report."

NOTE: Well Completion Reports cannot be submitted on Fee or State wells, wells without a US Well Number, wells in APD status, or wells that do not have a spud notice documented in AFMSS.



To Create a Well Completion Report the user selects "Create Well Completion Report" from the blue Action dropdown menu.

If the WCR is submitted to the BLM on a paper Form 3160-4, the BLM user would not select "create well completion report" but would select "open" from the Action button and enter the well completion information in the same manner as described below.

Selecting "Create Well Completion Report" will direct the user to the first page of the Well Completion Report. The header information will be pre-populated with the existing data in AFMSS for the well selected and the report will have a completions table (circled in red) indicating the existing information for each completion. The example below only has one completion (i.e. X1) because this is the first completion report for a recently drilled well.



The Well Completion Report is designed with a hierarchy that allows:

- Multiple wellbores within each well,
- Multiple completions within each wellbore,
- Multiple intervals within each completion, and
- Multiple well tests within each interval

Each page will have fields marked with a red asterisk where data must be entered before the form can be submitted. If the Validate button at the bottom of the page is selected the blank mandatory fields will be highlighted in red. If the data has been previously entered in an APD or otherwise, that data prepopulates the appropriate fields in the Well Completion Report and allows the user to edit before submitting the Well Completion Report but will not be highlighted in red after selecting validate. The data requirements and fields are the same as was previously required by the Form 3160-4 Well Completion or Recompletion Report and Log.

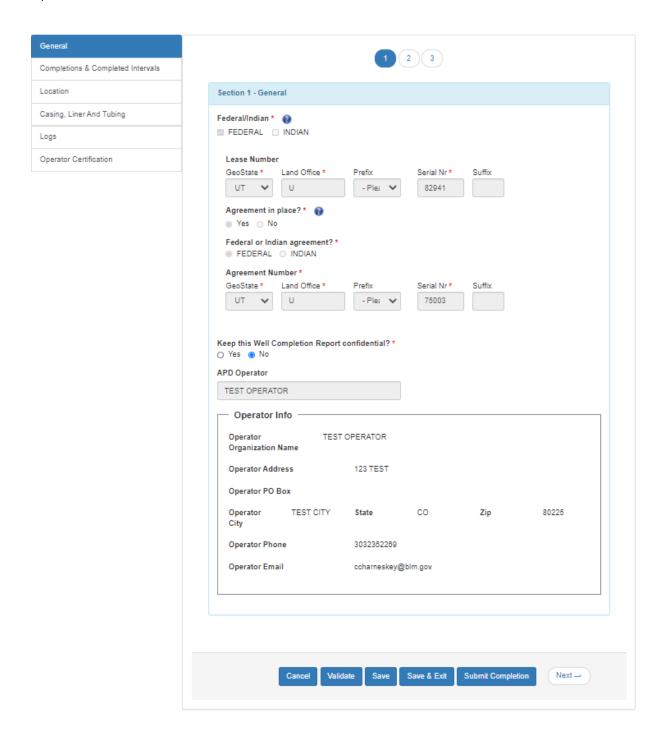


The blue action buttons on the bottom of each page are as follows.

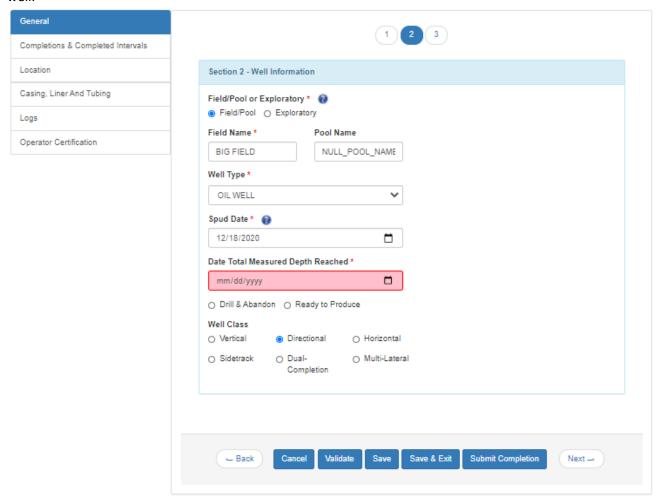
- Cancel This has the effect of a delete button. Allows the user to cancel the document without saving.
- Validate Selecting this button will highlight any required data fields that have not been completed. The user will be unable to submit the Well Completion Report until all required fields have been populated with data.
- Save Allows user to save any data entry made.
- Save and Exit Selecting this button will save any entered data and navigate the user away from the Well Completion Report screen.
- Submit Completion Selecting this will submit the Well Completion Report to the BLM for their review, provided all required fields have been populated with data. If there are still fields that require data entry, those will be listed at the top of the form in red.

The Well Completion Report has 10 pages. The following pages describe each page.

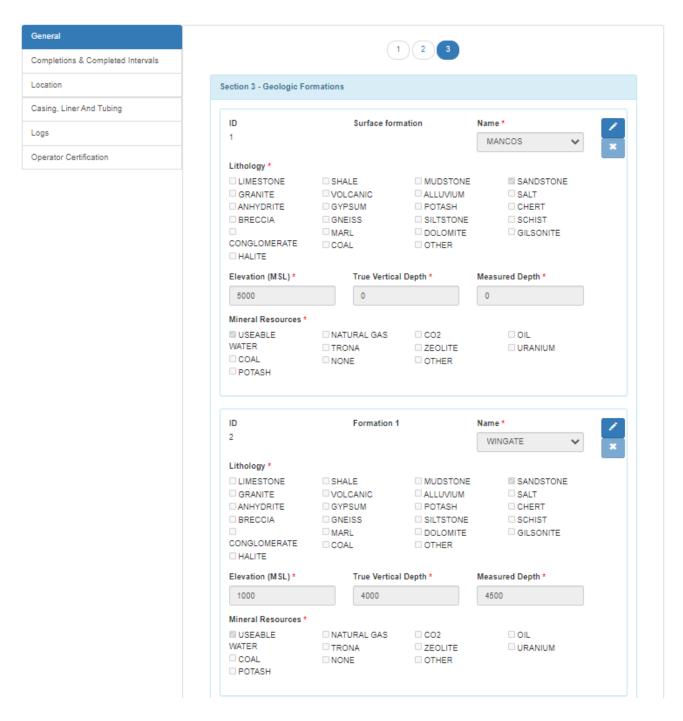
General, Section 1 – The first screen is read-only and populated with existing Lease, Agreement, and Operator Contact Information. This information is common to the entire well.



General, Section 2 – Well Information. This page allows the user to alter the pre-populated information and requires entering a date the well reached total depth. This information is common for the entire well.



General, Section 3 – Geologic Formations – This section allows the user to modify information regarding the geologic formation encountered in the drilling of the well (e.g. if the formations came in at depths different than what was prognosticated in the Drilling Permit). The data can be edited by selecting the blue pencil icon in the upper left of each container. Information here is common for the entire well. If the well has multiple wellbores the Geologic Formations should describe the 00 wellbore.



Completions & Completed Intervals – This is the section where the operator reports the correct Wellbore Code (the 11th and 12th characters in the US Well Number) and Completion Code (the 13th and 14th characters in the US Well Number) combination for each completion. The Office of Natural Resource Revenue (ONRR) Mineral Revenue Reporter Handbook, Appendix G describes the wellbore codes and completion codes. Appendix G can be accessed using the following link,

https://www.onrr.gov/ReportPay/Handbooks/pdfdocs/MPRH-Appendix-G.pdf

The operator should indicate the current Completion Status and correct Lease or Agreement to which the completion will be reported. It also requires the operator to report the completion date for each completion and the date the completion status and/or the completion code changed.

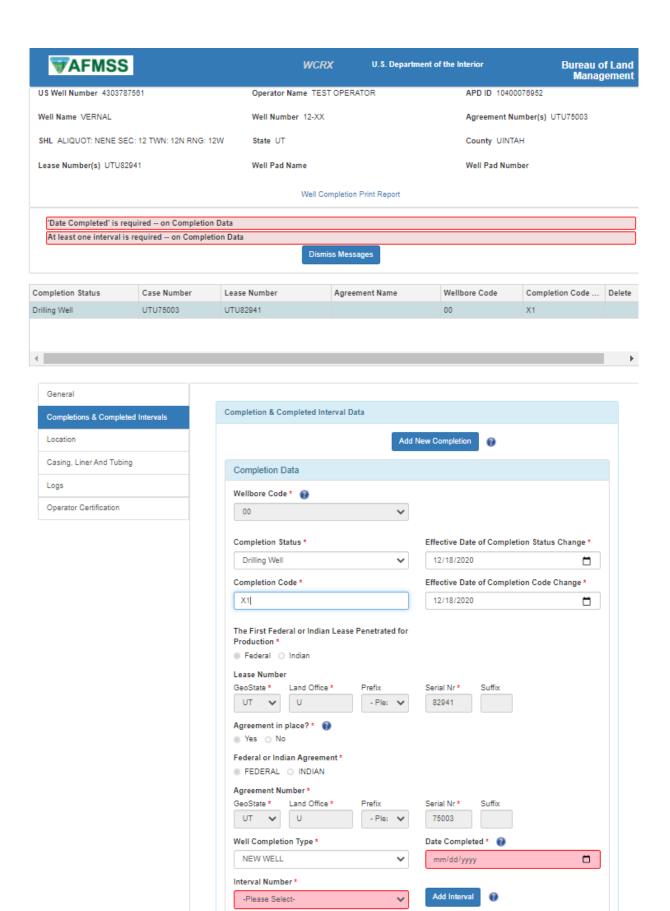
To clarify what is meant by "Date Completed", "Completion", and "Completed Interval" the user can hover the mouse over the blue question marks near this fields. The following definitions will appear.

<u>Date Completed</u> – Completion Date is when the productive zone(s) is perforated and treated or after other completion methods are performed. If multiple zones are completed, the date when the last zone has been completed should be used. For dry holes or drilling failures, the completion date will be the date when physical well abandonment has been completed.

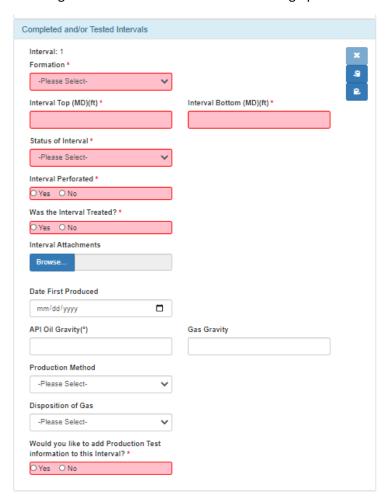
<u>Completions and Intervals</u> – The term "completion" refers to the portion of the completed well that will produce (or inject) and is reported separately from other completions in the well on the Office of Natural Resource Revenue (ONRR) Oil and Gas Operations Report (OGOR). A single completion may contain multiple completed intervals. A completed interval is considered separate if it is treated and tested separately from another completed interval and should be reported whether it is completed for use or not. A horizontal well can be considered one complete interval.

Since there could be multiple completed intervals within a single completion there is a dropdown titled "Interval Number" so data for each individual interval can be entered and/or viewed separately. The user can add an interval by selecting the blue Add Interval button. Interval data for at least one interval must be reported for each individual completion.

The data fields beyond in each interval page are the same data fields in the BLM's Form 3160-4 and include opportunity to provide information regarding completed interval formation and depths, interval status, perforation data, treatment data, and test data.



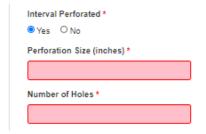
Selecting the blue Add Interval button will bring up the following form.



The required fields are indicated in red in the above illustration. The interval top and bottom would be the interval within the producing formation that is perforated or is otherwise open to the wellbore.

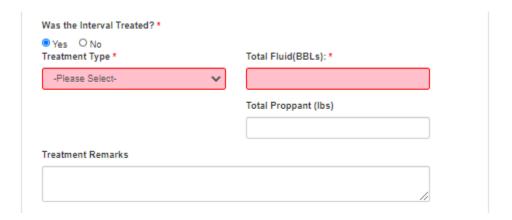
It the user indicates that the Status of the interval is Open, the user is provided opportunity to describe how the interval is open to the wellbore, i.e. whether it is perforated, open hole, slotted liner, etc.

If the user indicates that the interval was perforated the following required data fields will appear. The required data is indicated in red.

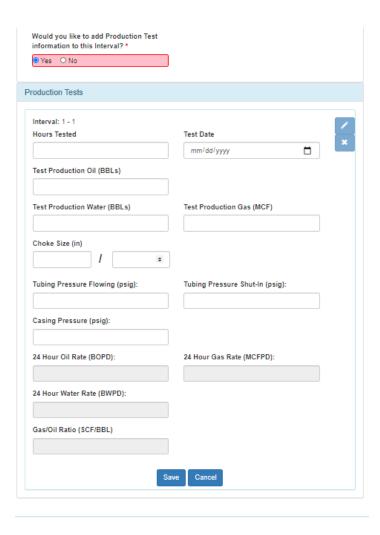


If the user indicates that the interval was not perforated the user is asked to provide information describing how the interval is open, e.g. open hole, slotted liner, or other method.

If the user selects the "Yes" radio button in response to the question "Was the Interval Treated?" the following container appears requiring the user to provide information regarding the treatment. The required data is indicated in red.

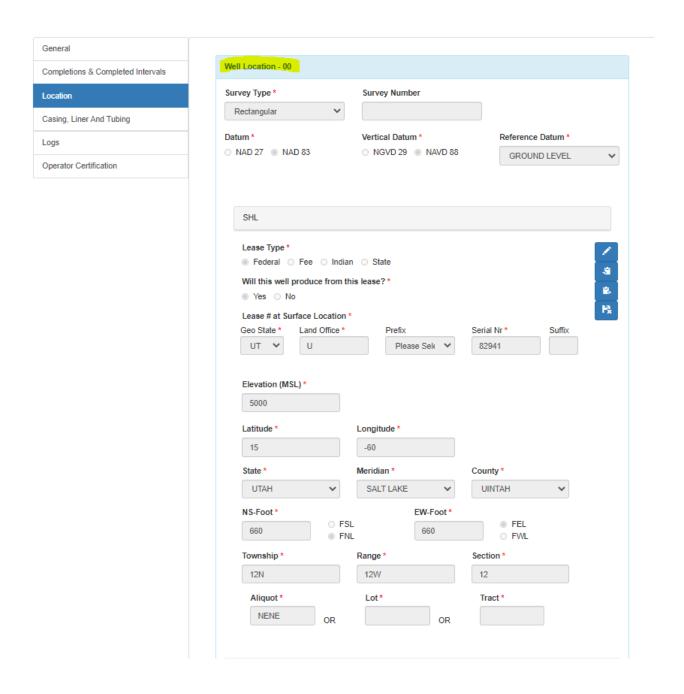


If the user selects "Yes" to the question "Would you like to add Production Test information to this Interval" the following container appears allowing the user to provide test data.

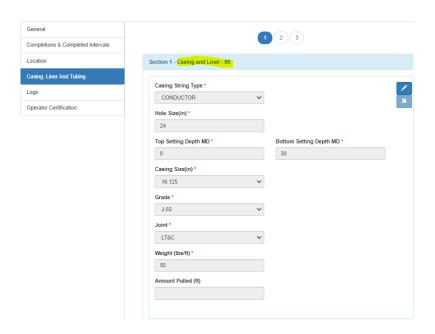


The form will display the completion information for the completion that is highlighted by the user in the completions table immediately below the header and will display the interval data for the interval that is selected in the "Interval Number" dropdown.

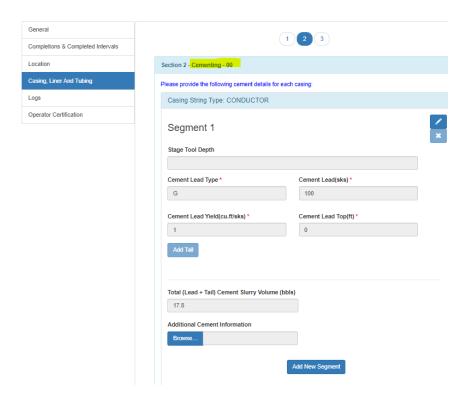
Location – The location tables allow the user to describe the wellbore path(s) using the same terminology present in the electronic APD process, i.e. Surface Hole Location (SHL), Kick-off Point (KOP), Penetration Point (PPP), Exit, and Bottom Hole Location (BHL). A unique set of location data is required for each wellbore. Note the "00" in the illustration below indicating this is the location data for the "00" wellbore. If multiple wellbores exist there will be a separate set of location tables for each wellbore.



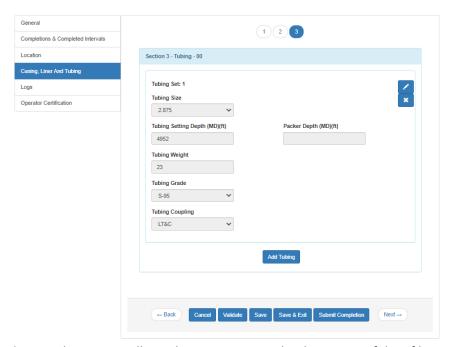
Casing, Liner And Tubing / Section 1 – allows user to enter or edit casing data. There is a unique set of Casing, Liner And Tubing data for each wellbore. Note that the illustration below is casing data for the "00" wellbore.



Casing, Liner And Tubing / Section 2 – allows user to enter or edit cement data for each casing string. There is a unique set of data for each wellbore. Note that the illustration below is cement data for casing in the "00" wellbore.

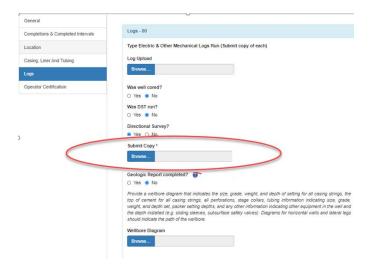


Casing, Liner And Tubing / Section 3 – allows user to enter or edit tubing data for each wellbore. Like the location table and casing data, there is a unique set of data for each wellbore.

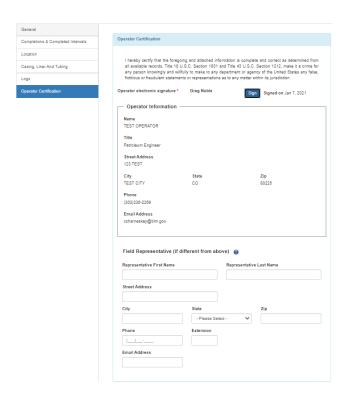


Logs – This section allows the operator to upload a variety of data files, e.g. electric logs, core data, DST data, directional surveys, and geologic report of mud logs. Multiple files can be uploaded beneath each section but no single file can exceed 25 MB. Like the Location, Casing, and Tubing data, this data is also unique to a specific wellbore (note the "Logs – 00" below). The response to the four standard questions will default to "no" but if the user selects "yes" the system will require that a document is uploaded under the question. See illustration below where "Directional Survey" has been responded to in the affirmative. An upload button labeled "Submit Copy" appears with the red asterisk indicating the user must upload a file before the Well Completion Report can be submitted.

If the operator wishes to attach a document that is not specifically addressed on this page, a file can be uploaded under any of the provided upload buttons. Multiple files can be added under any of the upload buttons and the uploads will support almost all file types.



Operator Certification – This page allows the operator to electronically sign the document and certify that the submitted information is complete and correct. The "Operator Information" table will be populated with the data pertaining to the user that electronically signs the document. A separate set of contact information can also be entered if the operator determines it would be more useful for the BLM's purposes.



When the Well Completion Report is completed the user can submit it to the BLM by selecting the blue "Submit Completion" button at the bottom of the page.

Emails Generated by WCR Process

The emails generated by the WCR Process are as follows,

Confirmation to the Operator that the WCR has been electronically rec'd,

The Bureau of Land Management

Notice of receiving Well Completion Report Operator Name: TEST OPERATOR

- Well Name: OPERATOR
- Well Number: 3-3 X
- US Well Number: 0254011111
- Well Completion Report Id: WCR20210316132207

This is to notify you that we have received your Well Completion Report. Thank you. If we need more information we will contact you.

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

Notice that the WCR has been returned, including the reason it has been returned (as shown above),

The Bureau of Land Management

Notice of Issue with Well Completion Report Operator Name: TEST OPERATOR

- Well Name: VERNAL
- Well Number: 12-XX
- US Well Number: 4303787561
- Well Completion Report Id: WCR2021031696827

The BLM received your Well Completion Report on 03/16/2021. This is to notify you that we are returning your Well Completion Report and are requesting the following additional information.

Please include a wellbore diagram

The returned Well Completion Report has generated another task in your worklist that will allow you to update your request, and then resubmit to the BLM.

You may contact the field office if you have any questions.

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

and an email Notice when the WCR has been accepted.

The Bureau of Land Management

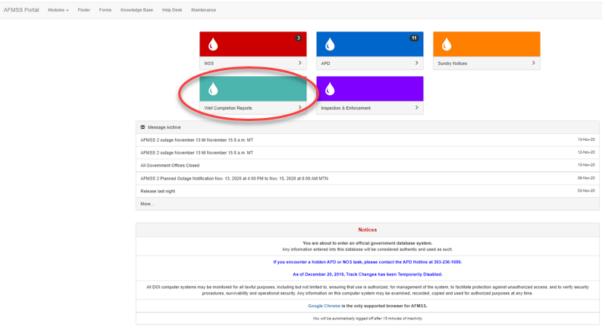
Notice of Acceptance for Well Completion Report

- Operator Ñame: TEST OPERATOR
- Well Name: OPERATOR
- Well Number: 3-3 X
- US Well Number: 0254011111
- Well Completion Report Id: WCR20210316132207

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

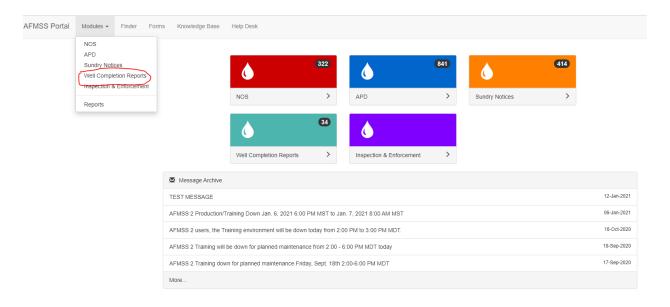
Finding and Printing WCRs

There are three lists available for WCRs. The user can navigate to the lists by either selecting the Well Completion Reports card from the landing screen



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or by selecting Well Completion Reports from the Module dropdown.



The Well Completion Worklist will identify the documents in the workflow that the user is responsible for. What appears in the list will vary depending on the user's profile and role. The tasks that appear in the worklist are Submit Well Completion Report, Initial Review, Engineer Review, and Update Well Completion Report (if a WCR has been returned).

The *In-flight Well Completion Processes* will show all documents that are in the workflow and the documents' status. The statuses shown are Pending Operator Submittal, Received, In Reviews, and Returned.

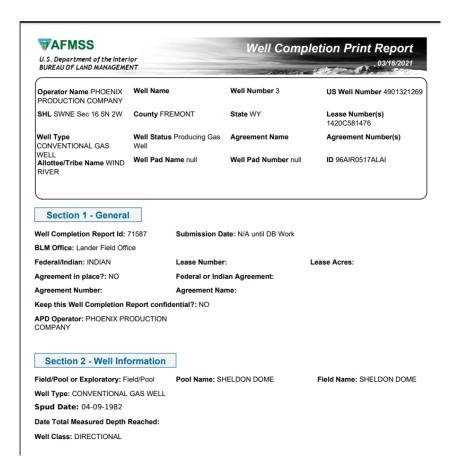
The Archived Well Completion Processes will show all documents that have received a final disposition of either accepted or cancelled. From the Archived worklist the user can access the print report by finding and selecting the well. After the well has been selected the user can select the blue monitoring button in the upper righthand portion of the worklist to get to the print report. In the header under the monitor the user can select Well Completion Print Report to bring up a Jasper report version of the WCR. The Jasper report will also allow the user to open and print all attachments associated with the document.



By selecting the Report dropdown in the upper left hand side of the Jasper report



the user can retrieve the WCR in other file formats for viewing or printing. The following is a sample of what the .pdf version looks like.



The Archived Well Completion Processes worklist is the only place to view and/or print the Well Completion Reports.

^{**}Please note external users will not have the I&E card as displayed in the AFMSS Portal screenshot.